

Title (en)  
DEVICE FOR NASAL INJECTION

Publication  
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Application  
**EP 90123831 A 19901211**

Priority  
DE 8915166 U 19891223

Abstract (en)  
[origin: EP0435063A2] The invention relates to a device (1) for injecting liquids into the nose, such as, for example, nasal irrigation liquids with medicaments, saline solutions or oils, comprising a cannula (2) to be introduced into the nose. In order to design a device of this type in such a way that it can be used simply and adapts automatically to the shape of the nostril in question so that it closes the nostril off completely, there is arranged at the proximal end (3) of the cannula (2) a bell-shaped cap (4) which extends in the direction of the distal end (10) of the cannula (2) and has a central opening (5). (Fig. 3).

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IPC 8 full level  
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CPC (source: EP US)  
**A61M 3/00** (2013.01 - EP US); **A61M 2210/0618** (2013.01 - EP)

Citation (search report)  
• [X] US 2887106 A 19590519 - JOSEPH ROBINSON  
• [X] DE 8809117 U1 19880929  
• [A] AT 774 B 19000110 - LAUTERBACH MARCELL DR, et al  
• [A] US 2283668 A 19420519 - DEMSEY MICHAEL E

Cited by  
IT202000020791A1; ITUB20152886A1; US5570686A; US5513630A; US5542412A; CN107019629A; WO2017021878A1

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